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PATENT

Client Reference No.: 4938/T37310

Assistant Commissioner for Patents
Washington, D.C. 20231

On

4-11-2001

By:

Ben Mahabey

1c903 U.S. PTO
09/833516
04/11/01
#5

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

TERRY REISS ET AL.

Application No.: Unassigned

Filed: Herewith

For: FAULT DETECTION AND
VIRTUAL SENSOR METHODS FOR
TOOL FAULT MONITORING

Examiner: Unassigned

Art Unit: Unassigned

INFORMATION DISCLOSURE
STATEMENT UNDER 37 CFR §1.97 and
§1.98

Assistant Commissioner for Patents
Washington, D.C. 20231

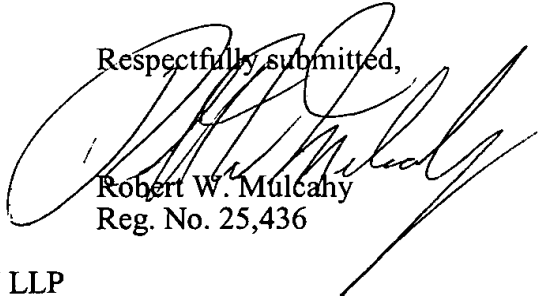
Sir:

The references cited on attached form PTO-1449 are being called to the attention of the Examiner. Copies of the references are enclosed. It is respectfully requested that the cited references be expressly considered during the prosecution of this application, and the references be made of record therein and appear among the "references cited" on any patent to issue therefrom.

As provided for by 37 CFR 1.97(g) and (h), no inference should be made that the information and references cited are prior art merely because they are in this statement and no representation is being made that a search has been conducted or that this statement encompasses all the possible relevant information.

Applicant believes that no fee is required for submission of this statement, since it is being submitted prior to the first Office Action. However, if a fee is required, the Commissioner is authorized to deduct such fee from the undersigned's Deposit Account No. 50-1074. Please deduct any additional fees from, or credit any overpayment to, the above-noted Deposit Account.

Respectfully submitted,



Robert W. Mulcahy
Reg. No. 25,436

TOWNSEND and TOWNSEND and CREW LLP

Tel: 650-326-2400

PA 3110314 v1

FORM PTO-1449 (Modified) LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)			Attorney Docket No.: A1938/T37310		Application No.:	
			Applicant: TERRY REISS ET AL.			
			Filing Date: Herewith		Group: Unassigned	

JCS903 U.S. PTO
 09/833516

Reference Designation						U.S. PATENT DOCUMENTS		Page 1
Examiner Initial	Document No.	Date	Name	Class	Sub-class	Filing Date (If Appropriate)		
1	6,192,287	Feb 20, 2001	Solomon, Peter R., et al					
2	6,090,302	Jul 18, 2000	Smith, Michael Lane, Jr.					
3	6,046,796	Apr 4, 2000	Markle, Richard J., et al.					
4	5,877,032	Mar 2, 1999	Guinn, Keith V., et al					
5	5,592,402	Jan 7, 1997	Beebe, Kenneth R., et al					
6	5,949,678	Sep 7, 1999	Wold, Svante, et al					
7								
8								
9								
10								
11								
12								

FOREIGN PATENT DOCUMENTS						
	Document No.	Date	Country	Class	Sub-class	Translation (Yes/No)
13						
14						
15						
16						
17						
18						

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)	
19	✓ "Using UPM for Real-Time Multivariate Modeling of Semiconductor Manufacturing Equipment", Paul J. O'Sullivan, Triant Technologies Inc., Nanaimo, BC, Canada, http://www.triant.com/content-techpapers.html .
20	
21	
22	
23	

EXAMINER	DATE CONSIDERED
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.